

Fluids:

- liquid or a gas
- form to shape of container
- flow \rightarrow viscosity
- not many on periodic table
- have density
- exert pressure \rightarrow hydrostatic pressure
- buoyancy

• Density:

$$\rho = \frac{m}{V} \quad \frac{\text{mass}}{\text{volume}}$$

density

- Typical units: kg/m^3

- Be careful when converting
volume units